

TDMS No. 93027 - 47

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: HAMSTERS/SYRIAN

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Peroxisome project (2,4-Dichlorophenoxyacetic acid)

CAS Number: 94-75-7

Date Report Requested: 06/24/2009

Time Report Requested: 13:53:21

First Dose M/F: 03/06/95 / NA

Lab: BAT

F1_Rev1_H1

C Number: C93027C

Lock Date: 06/12/1996

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups: Include ALL

Study Gender: Male

TDMSE Version: 2.1.0

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Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
SYRIAN GOLDEN HAMSTERS MALE	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	6	6	6	6	6	6	6	6	6	6
	0	0	0	0	0	0	0	0	0	1
0 PPM	1	2	3	4	5	6	7	8	9	0

*** TOTALS****ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mixed Cell	2	2	2	2	2	2	2	3	1		8 2.0
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mixed Cell	2	2	2	2	2	2	2	2	2	1	10 1.9
Vacuolization Cytoplasmic, Focal	1										1 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic	1	2	2	3	1	1	1	1	3		7 1.9

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2

SYRIAN GOLDEN HAMSTERS	0	0	0	0	0	0	0	0	0	0
MALE	2	2	2	2	2	2	2	2	2	2
0 PPM	6	6	6	6	6	6	6	6	6	6
	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0
										* TOTALS
Salivary Glands	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular Mineralization	+	+	+	+	+	+	+	+	+	10
	1	1		1		1		1		5 1.0

CARDIOVASCULAR SYSTEM

Heart Cardiomyopathy	+	+	+	+	+	+	+	+	+	10
										1 1.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	I	M	M	M	+	M	+	+	5
Pituitary Gland	+	M	M	M	+	M	+	+	+	6
Thyroid Gland	+	+	+	M	M	+	+	+	+	8

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	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
SYRIAN GOLDEN HAMSTERS MALE 0 PPM	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	6	6	6	6	6	6	6	6	6	6
	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0

* TOTALS

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	7
Preputial Gland	M	+	M	+	+	+	+	M	M	M
Prostate Atrophy	+	+	+	+	+	+	+	+	+	+
				2	3				2	
Seminal Vesicle Atrophy	+	+	+	+	+	+	+	+	+	+
				3	3				3	
Testes Atrophy	+	+	+	+	+	+	+	+	+	+
				3	3				3	

HEMATOPOIETIC SYSTEM

Lymph Node, Mandibular	+	M	+	+	+	+	+	+	+	9
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	10

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	0	0	0	0	0	0	0	0	0	0
DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
SYRIAN GOLDEN HAMSTERS MALE 0 PPM	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	6	6	6	6	6	6	6	6	6	6
	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0

* TOTALS

Thymus	+	+	+	+	+	+	+	+	+	+	10
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INTEGUMENTARY SYSTEM

Mammary Gland	M	M	M	M	M	M	M	M	M	M	0
Skin	+	+	+	+	+	+	+	+	+	+	10

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	10
------	---	---	---	---	---	---	---	---	---	---	----

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	10
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RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	10
Hemorrhage	2										2
Inflammation, Chronic											2.0
Nose	+	+	+	+	+	+	+	+	+	+	10

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	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
SYRIAN GOLDEN HAMSTERS MALE	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	6	6	6	6	6	6	6	6	6	6
	0	0	0	0	0	0	0	0	0	1
0 PPM	1	2	3	4	5	6	7	8	9	0

*** TOTALS**

Trachea	+	+	+	+	+	+	+	+	+	+	10
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SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10
Mineralization	2	1					1				4 1.3
Nephropathy	2	1			1						3 1.3
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10
Mineralization	3	1	1	3	3						5 2.2

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
SYRIAN GOLDEN HAMSTERS MALE 12 PPM	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	6	6	6	6	6	6	6	6	6	6
	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	0

* TOTALS

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mixed Cell	1	1	2	1	1	1	1	2	1	1	10 1.2
Necrosis, Focal								2			1 2.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic	1	1		2	1	1	2	1	2	2	9 1.4

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Preputial Gland	M	M	+	M	M	M	+	M	M	M	2
			1								1 1.0
Testes	+	+	+	+	+	+	+	+	+	+	10
Atrophy				3				3			2 3.0

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	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
SYRIAN GOLDEN HAMSTERS	0	0	0	0	0	0	0	0	0	0
MALE	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	6	6	6	6	6	6	6	6	6	6
12 PPM	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	0

* TOTALS

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+
Mineralization	1		1	1	1	1	1	1		
Nephropathy	1	1		1	1	1		1		

10	
7	1.0
6	1.0

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
SYRIAN GOLDEN HAMSTERS MALE 12 PPM	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	2	2	2	2	2	2	2	2	2	2
	6	6	6	6	6	6	6	6	6	6
	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	0

* TOTALS

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
SYRIAN GOLDEN HAMSTERS MALE 100 PPM	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	6	6	6	6	6	6	6	6	6	6
	2	2	2	2	2	2	2	2	2	3
	1	2	3	4	5	6	7	8	9	0

* TOTALS

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mixed Cell	2	2	2	2	1		1	2	2	1	9 1.7
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic	2	1	2	1	1		1	1	1	1	9 1.2

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Preputial Gland	M	+	M	+	M	M	M	M	M	M	2
Testes	+	+	+	+	+	+	+	+	+	+	9
Atrophy						4		3			2 3.5

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
SYRIAN GOLDEN HAMSTERS MALE 100 PPM	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	6	6	6	6	6	6	6	6	6	6
	2	2	2	2	2	2	2	2	2	3
	1	2	3	4	5	6	7	8	9	0

* TOTALS

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+
Mineralization	1	1	1	1	1	1	1	1	1	1
Nephropathy	1	1	1	1	1	1	1	1	1	1

9	6	1.0
5	5	1.0

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
SYRIAN GOLDEN HAMSTERS	0	0	0	0	0	0	0	0	0	0
MALE	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	6	6	6	6	6	6	6	6	6	6
500 PPM	3	3	3	3	3	3	3	3	3	4
	1	2	3	4	5	6	7	8	9	0

*** TOTALS****ALIMENTARY SYSTEM**

Liver	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mixed Cell	2	1	1	1	1	1	1	2	1		8 1.3
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic	2	2	4	1	1		1	1			7 1.7

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

Pituitary Gland	+	1
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GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Preputial Gland	M	+	M	M	M	+	M	M	M	M	2
Testes	+	+	+	+	+	+	+	+	+	+	10
Atrophy	3	3	3	3	1						5 2.6

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
SYRIAN GOLDEN HAMSTERS	0	0	0	0	0	0	0	0	0	0
MALE	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	6	6	6	6	6	6	6	6	6	6
500 PPM	3	3	3	3	3	3	3	3	3	4
	1	2	3	4	5	6	7	8	9	0
	* TOTALS									

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+
Mineralization		1	2		1	1	1	1		1
Nephropathy			1		1	1	1	1	1	1

Kidney	+	+	+	+	+	+	+	+	+	+	10
Mineralization		1	2		1	1	1	1		1	7 1.1
Nephropathy			1		1	1	1	1	1	1	7 1.0

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 93027 - 47

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: HAMSTERS/SYRIAN

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Peroxisome project (2,4-Dichlorophenoxyacetic acid)

CAS Number: 94-75-7

Date Report Requested: 06/24/2009

Time Report Requested: 13:53:21

First Dose M/F: 03/06/95 / NA

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
									
SYRIAN GOLDEN HAMSTERS MALE 500 PPM	0	0	0	0	0	0	0	0	0	* TOTALS
ANIMAL ID	2	2	2	2	2	2	2	2	2	
	6	6	6	6	6	6	6	6	6	
	3	3	3	3	3	3	3	3	3	4
	1	2	3	4	5	6	7	8	9	0

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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2) Mild 4) Marked

TDMS No. 93027 - 47

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: HAMSTERS/SYRIAN

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Peroxisome project (2,4-Dichlorophenoxyacetic acid)

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Date Report Requested: 06/24/2009

Time Report Requested: 13:53:21

First Dose M/F: 03/06/95 / NA

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
SYRIAN GOLDEN HAMSTERS MALE 1000 PPM	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	6	6	6	6	6	6	6	6	6	6
	4	4	4	4	4	4	4	4	4	5
	1	2	3	4	5	6	7	8	9	0

* TOTALS

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	+	9
Infiltration Cellular, Mixed Cell	1	2	2	1	1	1	1	2	1	2	9 1.4
<hr/>											
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic	1	1	1	1	1	1	1	1	2		7 1.1

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	2	3	2	2.5
Atrophy						
Preputial Gland	M	+	M	+	M	M

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TDMS No. 93027 - 47

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: HAMSTERS/SYRIAN

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Peroxisome project (2,4-Dichlorophenoxyacetic acid)

CAS Number: 94-75-7

Date Report Requested: 06/24/2009

Time Report Requested: 13:53:21

First Dose M/F: 03/06/95 / NA

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
SYRIAN GOLDEN HAMSTERS MALE 1000 PPM	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	6	6	6	6	6	6	6	6	6	6
	4	4	4	4	4	4	4	4	4	5
	1	2	3	4	5	6	7	8	9	0
	* TOTALS									
Testes Atrophy	+	+	+	+	+	+	+	+	+	+
	3		1		4					
	10									
	3 2.7									

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney

+ + + + + + + + + +

10

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

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TDMS No. 93027 - 47

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: HAMSTERS/SYRIAN

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CAS Number: 94-75-7

Date Report Requested: 06/24/2009

Time Report Requested: 13:53:21

First Dose M/F: 03/06/95 / NA

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
SYRIAN GOLDEN HAMSTERS MALE 1000 PPM	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	6	6	6	6	6	6	6	6	6	6
	4	4	4	4	4	4	4	4	4	5
	1	2	3	4	5	6	7	8	9	0
										* TOTALS
Mineralization	1	1	2	2	1	1	1	1	1	8 1.3
Nephropathy				1						3 1.3

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1-4 .. Lesion qualified as:

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TDMS No. 93027 - 47

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: HAMSTERS/SYRIAN

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Peroxosome project (2,4-Dichlorophenoxyacetic acid)

CAS Number: 94-75-7

Date Report Requested: 06/24/2009

Time Report Requested: 13:53:21

First Dose M/F: 03/06/95 / NA

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
SYRIAN GOLDEN HAMSTERS MALE 5000 PPM	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	6	6	6	6	6	6	6	6	6	6
	5	5	5	5	5	5	5	5	5	6
	1	2	3	4	5	6	7	8	9	0

*** TOTALS****ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mixed Cell	1	2	1	1	3	2	3				8 2.0
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mixed Cell	2	2	1	2	2	2	2	2	1	2	10 1.8
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic	2	1	1	1	3	3	2	1	1		9 1.7
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10

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+ .. Tissue examined microscopically

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M .. Missing tissue

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1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 93027 - 47

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: HAMSTERS/SYRIAN

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Peroxosome project (2,4-Dichlorophenoxyacetic acid)

CAS Number: 94-75-7

Date Report Requested: 06/24/2009

Time Report Requested: 13:53:21

First Dose M/F: 03/06/95 / NA

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2

SYRIAN GOLDEN HAMSTERS MALE	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	6	6	6	6	6	6	6	6	6	6
	5	5	5	5	5	5	5	5	5	6
5000 PPM	1	2	3	4	5	6	7	8	9	0
										* TOTALS
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular Mineralization	+	+	+	+	+	+	+	+	+	10
	1	1	1	1	1	1	1	1	1	7 1.0

CARDIOVASCULAR SYSTEM

Heart	+	+	+	+	+	+	+	+	+	+	10
-------	---	---	---	---	---	---	---	---	---	---	----

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	M	+	+	M	+	M	+	+	7
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

GENERAL BODY SYSTEM

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+ .. Tissue examined microscopically

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I .. Insufficient tissue

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BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 93027 - 47

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: HAMSTERS/SYRIAN

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Peroxisome project (2,4-Dichlorophenoxyacetic acid)

CAS Number: 94-75-7

Date Report Requested: 06/24/2009

Time Report Requested: 13:53:21

First Dose M/F: 03/06/95 / NA

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2

SYRIAN GOLDEN HAMSTERS	0	0	0	0	0	0	0	0	0	0
MALE	2	2	2	2	2	2	2	2	2	2
5000 PPM	6	6	6	6	6	6	6	6	6	6
	5	5	5	5	5	5	5	5	5	6
	1	2	3	4	5	6	7	8	9	0

*** TOTALS**

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	10
Preputial Gland	+	M	M	M	+	M	M	+	M	M	3
Prostate	+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10
Testes	+	+	+	+	+	+	+	+	+	+	10
Atrophy	1										1 1.0

HEMATOPOIETIC SYSTEM

Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mesenteric	+	+	+	+	+	+	+	M	+	+	9
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10

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TDMS No. 93027 - 47

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: HAMSTERS/SYRIAN

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Peroxosome project (2,4-Dichlorophenoxyacetic acid)

CAS Number: 94-75-7

Date Report Requested: 06/24/2009

Time Report Requested: 13:53:21

First Dose M/F: 03/06/95 / NA

Lab: BAT

		0	0	0	0	0	0	0	0	0
	DAY ON TEST	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9
		2	2	2	2	2	2	2	2	2
SYRIAN GOLDEN HAMSTERS MALE 5000 PPM	ANIMAL ID	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2
		6	6	6	6	6	6	6	6	6
		5	5	5	5	5	5	5	5	6
		1	2	3	4	5	6	7	8	9
										0

* TOTALS

INTEGUMENTARY SYSTEM

Mammary Gland	M M M M M M M M M M	0
Skin	+ + + + + + + + + +	10

MUSCULOSKELETAL SYSTEM

Bone	+ + + + + + + + + +	10
------	---------------------	----

NERVOUS SYSTEM

Brain	+ + + + + + + + + +	10
-------	---------------------	----

RESPIRATORY SYSTEM

Lung	+ + + + + + + + + +	10
Hemorrhage		1 2.0
Inflammation, Chronic	1	1 1.0
Nose	+ + + + + + + + + +	10
Trachea	+ + + + + + + + + +	10

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+ .. Tissue examined microscopically

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M .. Missing tissue

A .. Autolysis precludes evaluation

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1-4 .. Lesion qualified as:

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2) Mild 4) Marked

TDMS No. 93027 - 47

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: HAMSTERS/SYRIAN

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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CAS Number: 94-75-7

Date Report Requested: 06/24/2009

Time Report Requested: 13:53:21

First Dose M/F: 03/06/95 / NA

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
SYRIAN GOLDEN HAMSTERS MALE 5000 PPM	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	6	6	6	6	6	6	6	6	6	6
	5	5	5	5	5	5	5	5	5	6
	1	2	3	4	5	6	7	8	9	0

* TOTALS

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10
Mineralization	1	1	1	2	1	1	1	1	1	1	8 1.1
Nephropathy	1	2	3	1	1	1	1	2	1	1	8 1.5
Urinary Bladder	+	+	M	+	+	+	+	+	+	+	9
Mineralization	2	4	2	4							5 3.0

*** END OF MALE DATA ***

*** END OF REPORT ***

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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